

Exhibit 2

California

Exhibit 2A

Meta's Proposal[s]

MDL 3047 – 2024-12-20 Agency Discovery JLB
California – Meta Proposal

Search Terms: Meta made its most recent counterproposal on December 16, 2024 to the California Department of Health Care Services (“DHCS”), Health and Human Services Agency (“HHS”), and the Mental Health Services Oversight and Accountability Commission (“MHSOAC”). At a high level, Meta’s proposal involves requiring combinations of relevant terms to occur in the same document as one another and, where appropriate, within certain proximity to other terms as set forth below.

A.	<i>Any of</i> [“social media”, “social network”, meta, facebook, insta!, messenger, whatsapp, youtube, tiktok, twitter, snap!, roblox, bytedance, discord, reddit, tumblr, reddit, pinterest, FB, IG, YT, twitch, “horizon worlds”] <i>w/100 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
B.	<i>Any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] <i>w/100 of</i> [[“social media”] AND [meet!, report!, stud!, article, survey!, program!, grant!, bill!, legislat!, prevent!, deceptive, decei!, fraud!, defraud!, cheat!, lie!, misrepresent!, mislead!, schem!, exploit!, trick!, conceal!, hide, omit!, downplay!, suppress!, “cover up”, “Consumer Protection Act”, “consumer protection”]]
C.	“social media” <i>AND any of</i> [“algorithmic recommendation,” “algorithmic sequencing,” “image filters,” “multiple user accounts,” “infinite scroll,” “ephemeral content features,” “autoplay,” “quantification of likes,” “display of likes,” “audiovisual alerts,” “haptic alerts”]
D.	<i>Any of</i> [“Senate Bill 976,” SB976, “SB 976,” “Senate Bill 60,” SB60, “SB 60,” “Assembly Bill 587,” AB587, “AB 587,” “Assembly Bill 2273,” AB2273, “AB 2273,” “Assembly Bill 1934,” “AB 1934,” AB1934, “Assembly Bill 1949,” AB1949, “AB1949”] <i>AND any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] <i>AND</i> “social media”
E.	“youth risk behavior survey”
F.	<i>Any of</i> [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!] <i>w/100 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]

G.	<i>Any of</i> [“pro-aná”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!] AND <i>any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] ¹
H.	<i>Any of</i> [bully!, bullie!, cyberbull!, harass!, sextort!, transphob!, homophob!, racis!, sexis!, groom!, pedophil!] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
I.	<i>Any of</i> [hook!, dopamine, rabbithol!, spiral, “social reward”, “social approval”, “screen time”, screentime, staytime, timespent, “time spent”, “engagement”, “mandatory break”, “limiting tool”, “habit loop”, “operant conditioning”, “impulse control”] <i>w/100 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
J.	<i>Any of</i> [eat! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disagb!, agitat!, behav!, insufficient, depriv!)]
K.	<i>Any of</i> [sleep! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disagb!, agitat!, behav!, insufficient, depriv!)]
L.	<i>Any of</i> [negative w/3 (appearance, experience, affect!, effect!)] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
M.	<i>Any of</i> [compar! w/5 (appearance, social, other!, negative)] ²
N.	<i>Any of</i> [body w/3 (accept!, dissatisfaction, positiv!, image, dysmorph!)]
O.	<i>Any of</i> [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
P.	<i>Any of</i> [Covid!, coronavirus, pandemic, lockdown, “lock! down”, quarantine, “social! distanc!”] <i>w/100 of any of</i> [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-aná”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]]
Q.	<i>Any of</i> [heroin, crack, cocaine, fent!, opio!, opia!, meth, methamphetamine, oxy, oxycontin, painkiller!, narcotic!, (drug! w/5 abuse)] <i>w/100</i> [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-aná”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]]

¹ NTD: CalHHS agreed to run this term. For other agencies, we are willing to consider using a w/150 limiter instead of “AND”.² NTD: CalHHS agreed to run this term. For other agencies, we are willing to consider omitting the term “other!” from this string.

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Custodians: Meta proposes that the above search terms be run on each agency's custodial documents (including email and other custodial data sources), and relevant non-custodial data sources, that cover the entire period from January 1, 2012 to April 1, 2024, which encompasses the same time period from which Plaintiffs seek discovery, and have plead as the "Relevant Time[]]" in Plaintiffs' Complaint. See ECF No. 969; MDL Compl. ¶ 19 (alleging a "Relevant Time[]]" that starts "no later than 2012").

Meta proposes that the search terms set forth above should be run against at least the custodians listed below. Custodians designated with an asterisk (*) have been affirmatively proposed and agreed to by the California AG's office during the course of the Parties' negotiations. To the extent that the custodians below do not cover the relevant time period or all relevant topics for each agency, the State and/or agency should propose additional custodians to Meta, and Meta reserves the right to select additional custodians.

Agency	Custodian	Title
Health and Human Services Agency	Kim Johnson*	Secretary
Health and Human Services Agency	Virginia Franco*	Special Assistant to the Secretary
Health and Human Services Agency	Brendan McCarthy*	Acting Undersecretary
Health and Human Services Agency	Tran Duong*	Staff Services Manager
Health and Human Services Agency	Jared Goldman*	General Counsel
Health and Human Services Agency	Maggie Schuster*	Attorney
Health and Human Services Agency	Daniel Torres*	Chief Equity Officer
Health and Human Services Agency	Maureen Keffer*	Assistant Equity Officer
Health and Human Services Agency	John Ohanian*	Director and Data Officer
Health and Human Services Agency	Adam Dondro*	Agency Information Officer
Health and Human Services Agency	Sonia Herrera*	Deputy Secretary for Office of Administrative Services (OAS)
Health and Human Services Agency	Miguel Juaregui*	Retired Annuitant, Information Technology Specialist, OAS
Health and Human Services Agency	Miguel Salazar*	Information Technology Specialist, OAS
Health and Human Services Agency	Faisal Aziz*	Information Technology Specialist, OAS

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Health and Human Services Agency	Sarah Aguirre*	Staff Services Manager, OAS
Health and Human Services Agency	Evan Gerber I*	Information Technology Associate, OAS
Health and Human Services Agency	Francis Brown*	Administrative Assistant, OAS
Health and Human Services Agency	Samantha Lui*	Deputy Secretary for Office of Legislative Affairs (OLA)
Health and Human Services Agency	Sarah Logue*	Associate Secretary, OLA
Health and Human Services Agency	Anya Shutovska*	Associate Secretary, OLA
Health and Human Services Agency	Eric Castillo*	Associate Governmental Program Analyst, OLA
Health and Human Services Agency	Susan Bernier*	Associate Governmental Program Analyst, OLA
Health and Human Services Agency	Allyson Velez*	Associate Governmental Program Analyst, OLA
Health and Human Services Agency	Kimberly Chen*	Acting Deputy Secretary for Office of Program and Fiscal Affairs (OPFA)
Health and Human Services Agency	Darci Delgado*	Assistant Secretary, OPFA
Health and Human Services Agency	Julie Souliere*	Assistant Secretary, OPFA
Health and Human Services Agency	K. Jones*	Assistant Secretary, OPFA
Health and Human Services Agency	Debra Cooper*	Assistant Secretary, OPFA
Health and Human Services Agency	Nathanial Mitchell*	Assistant Secretary, OPFA
Health and Human Services Agency	Sami Gallegos*	Deputy Secretary for Office of External Affairs (OEA)
Health and Human Services Agency	Jim Suennen*	Associate Secretary, OEA
Health and Human Services Agency	Rodger Butler*	Assistant Secretary, OEA
Health and Human Services Agency	Vincent Martinez*	Information Officer, OEA
Health and Human Services Agency	Juliann Binder*	Information Officer, OEA
Health and Human Services Agency	Corrin Buchanan*	Deputy Secretary for Office of Policy and Strategic Planning (OPSP)

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Health and Human Services Agency	Josephina Baca*	Staff Services Analyst, OPSP
Health and Human Services Agency	Sohil Sud*	Director of Children and Youth Behavioral Health Initiative (CYBI)
Health and Human Services Agency	Stefanie Boltz*	Health Program Specialist, CYBI
Health and Human Services Agency	Brittney Blake*	Staff Services Manager, CYBI
Health and Human Services Agency	Stephanie Welch*	Deputy Secretary for Office of Behavioral Health (OBH)
Health and Human Services Agency	Anh Thu Bui*	Public Health Medical Administrator, OBH
Health and Human Services Agency	Austin Dickman*	Staff Services Manager, OBH
Health and Human Services Agency	Ali Vangrow*	Staff Services Manager, OBH
Health and Human Services Agency	Hailey Shapiro*	Associate Governmental Program Analyst, OBH
Health and Human Services Agency	Diana Ramos*	Surgeon General (OSG)
Health and Human Services Agency	Alana Bui*	Staff Service Manaer, OSG
Health and Human Services Agency	Lauren Groves*	Special Advisor, OSG
Health and Human Services Agency	Colette Cobb*	Health Program Specialist, OSG
Health and Human Services Agency	Julie Rooney*	Director of Communications, OSG
Health and Human Services Agency	Berit Mansour*	Communications Support, OSG
Health and Human Services Agency	Juan Carlos Arguello*	Chief Health Policy Officer, Office of Youth and Community Restoration
Health and Human Services Agency	Barbara Clopton*	Communications Staff Services Manager, Center for Data Insights and Innovation (CDII)
Health and Human Services Agency	Jaykob Zaleski*	Communications Associate Governmental Program Analyst, CDII
Health and Human Services Agency	David Reiner*	California Initiative to Advance Precision Medicine (CIAPM)

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Health and Human Services Agency	Theresa Spezzano*	Equity Officer, CIAPM
Health and Human Services Agency	Ramon Martinez*	Science Communications Officer, CIAMP
Health and Human Services Agency	Saga Barberis*	Project Administrator, CIAPM
Department of Health Care Services	Paula Wilhelm*	Deputy Director – Behavioral Health
Department of Health Care Services	Erika Cristo*	Asst. Deputy Director – Behavioral Health
Department of Health Care Services	Marlies Perez*	Division Chief – Community Services Division
Department of Health Care Services	Ilana Rub*	Asst. Division Chief – Community Services Division
Department of Health Care Services	Denise Galvez*	Branch Chief – CSD Prevention & Youth Branch
Department of Health Care Services	Autumn Boylan*	Deputy Director – Office of Strategic Partnerships
Department of Health Care Services	Carol Gallegos*	Deputy Director – Legislative & Government Affairs
Department of Health Care Services	Melissa Rolland*	Asst. Deputy Director – Legislative & Government Affairs
Department of Health Care Services	Caitlin Nord*	Staff Services Manager – Legislative & Government Affairs
Department of Health Care Services	Michelle Touhey*	Staff Services Manager – Legislative & Government Affairs
Department of Health Care Services	Melinda Castro*	Staff Services Manager – Legislative & Government Affairs
Department of Health Care Services	Krissi Khokhobashvili*	Deputy Director – Office of Communications
Department of Health Care Services	Andrea Tovar*	Staff Services Manager – Office of Communications Social Media Team
Department of Health Care Services	Lori Walker*	Deputy Director & Chief Financial Officer
Department of Health Care Services	Ryan Woolsey*	Division Chief – Fiscal Forecasting Division
Department of Health Care Services	Alex Mojtabahedi*	Branch Chief – Fiscal Forecasting Division

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Department of Health Care Services	Celine Donaldson*	Branch Chief – Fiscal Forecasting Division
Department of Health Care Services	Jerrold Anub*	Brach Chief – Fiscal Forecasting Division
Department of Health Care Services	Cang Ly*	Branch Chief – Fiscal Forecasting Division
Department of Health Care Services	Jessica Bogard*	Division Chief, Financial Management Division
Department of Health Care Services	Mindy Xu*	Branch Chief, Financial Management Division
Department of Health Care Services	Staci Fukuoka*	Branch Chief, Financial Management Division
Department of Health Care Services	Saleshni Singh*	Branch Chief, Financial Management Division
Department of Health Care Services	Brandon Creel*	Branch Chief, Financial Management Division
Department of Health Care Services	Brian Dougherty*	Deputy Director, Administration
Mental Health Services Oversight and Accountability Commission	Amariani Martinez*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Andrea Anderson*	Information Officer
Mental Health Services Oversight and Accountability Commission	Andrej Delich*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Annie Palmero*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Antonio Andres*	Information Technology Associate
Mental Health Services Oversight and Accountability Commission	Boyang Fan*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Brittany Scangarello*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Catina Walker*	Health Program Specialist

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Mental Health Services Oversight and Accountability Commission	Charles Lee*	Information Technology Associate / Information Services Officer
Mental Health Services Oversight and Accountability Commission	Chelsea Yuen*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Cheryl Ward*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Chuente Rhym*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Cody Scott*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Courtney Ackerman*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Daniel Owens*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Danielle Fischer*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Evonna McIntosh*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Grace Reedy*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Jeremy Klobas*	Chief Information Officer / Information Technology Associate
Mental Health Services Oversight and Accountability Commission	Jigna Shah*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Jorgen Gulliksen*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Joseph Vecchi*	Associate Governmental Program Analyst

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Mental Health Services Oversight and Accountability Commission	Justin Marshall*	Information Officer
Mental Health Services Oversight and Accountability Commission	Kai Lemasson*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Kali Patterson*	Research Scientist Manager
Mental Health Services Oversight and Accountability Commission	Kallie Clark*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Kara Starbird*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Kate Dvoretskikh*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Katie McKenzie *	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Kelsey Wood*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Kendal Vargas*	Associate Governmental Program Analyst
Mental Health Services Oversight and Accountability Commission	Kendra Zoller*	CEA / Deputy Director of Legislation
Mental Health Services Oversight and Accountability Commission	Kimberly Watkin*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Latonya Harris*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Lauren Quintero*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Lawrence Naidu *	Information Technology Associate

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Mental Health Services Oversight and Accountability Commission	Lester Robancho*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Marcus Galeste*	Senior Researcher
Mental Health Services Oversight and Accountability Commission	Maureen Reilly*	Retired Annuitant / Attorney
Mental Health Services Oversight and Accountability Commission	Melissa Mollard*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Michele Nottingham*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Nai Saechao*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Norma Pate*	CEA / Deputy Director of Administration
Mental Health Services Oversight and Accountability Commission	Rachel Heffley*	Information Technology Associate
Mental Health Services Oversight and Accountability Commission	Reem Shahroui *	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Riann Kopchak*	Staff Services Manager
Mental Health Services Oversight and Accountability Commission	Sara Yeffa*	Information Officer
Mental Health Services Oversight and Accountability Commission	Sarah Weber*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Shannon Tarter*	Health Program Specialist
Mental Health Services Oversight and Accountability Commission	Tom Orrock*	CEA / Deputy Director of Programs

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Mental Health Services Oversight and Accountability Commission	Xing Shen*	Research Scientist
Mental Health Services Oversight and Accountability Commission	Toby Ewing*	Former Executive Director
Mental Health Services Oversight and Accountability Commission	Will Lightbourne*	Interim Executive Director

Exhibit 2B

California's Proposal[s]

**MDL 3047 – Meta’s December 5, 2024 Search Proposal for California Health Agencies
(CalHHS, MHSOAC, DHCS)**

- This proposal was run without modifications.
- CalHHS included 57 custodians, MHSOAC included 53, and DHCS included 25. (See ECF 1430-2 at 15-19 for custodian names and titles.)
- The date range applied is 1/1/2012 through 10/24/2023.
- Total hit counts (for DHCS, in excess of 14 million, and for CalHHS and MHSOAC, in excess of 1 million) are not de-duplicated across strings due to search technology limitations.
- Hit counts were shared with Meta on 12/9/2024 (DHCS) and 12/16/2024 (CalHHS and MHSOAC).

A.	<i>Any of</i> [“social media”, “social network”, meta, facebook, insta!, messenger, whatsapp, youtube, tiktok, twitter, snap!, roblox, bytedance, discord, reddit, tumblr, reddit, pinterest, FB, IG, YT, twitch, “horizon worlds”] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 146,594; MHSOAC: 72,777; DHCS: 2,359,495]
B.	<i>Any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] <i>w/150 of</i> [“social media”] AND [meet!, report!, stud!, article, survey!, program!, grant!, bill!, legislat!, prevent!, deceptive, decei!, fraud!, defraud!, cheat!, lie!, misrepresent!, mislead!, schem!, exploit!, trick!, conceal!, hide, omit!, downplay!, suppress!, “cover up”, “Consumer Protection Act”, “consumer protection”] [Hits – CalHHS: 57,785; MHSOAC: 34,630; DHCS: 210,759]
C.	“social media” AND <i>any of</i> [“algorithmic recommendation,” “algorithmic sequencing,” “image filters,” “multiple user accounts,” “infinite scroll,” “ephemeral content features,” “autoplay,” “quantification of likes,” “display of likes,” “audiovisual alerts,” “haptic alerts”] [Hits – CalHHS: 270; MHSOAC: 144; DHCS: 1,124]
D.	<i>Any of</i> [“Senate Bill 976,” SB976, “SB 976,” “Senate Bill 60,” SB60, “SB 60,” “Assembly Bill 587,” AB587, “AB 587,” “Assembly Bill 2273,” AB2273, “AB 2273,” “Assembly Bill 1934,” “AB 1934,” AB1934, “Assembly Bill 1949,” AB1949, “AB1949”] AND <i>any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] AND “social media” [Hits – CalHHS: 2,729; MHSOAC: 223; DHCS: 2,702]
E.	“youth risk behavior survey” [Hits – CalHHS: 1,720; MHSOAC: 3,848; DHCS: 5,547]
F.	<i>Any of</i> [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 448,512; MHSOAC: 331,185; DHCS: 4,870,322]

**MDL 3047 – Meta’s December 5, 2024 Search Proposal for California Health Agencies
(CalHHS, MHSOAC, DHCS)**

G.	<i>Any of</i> [“pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!] AND <i>any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 1,002; MHSOAC: 180,264; DHCS: 1,374,327]
H.	<i>Any of</i> [bully!, bullie!, cyberbull!, harass!, sextort!, transphob!, homophob!, racis!, sexis!, groom!, pedophil!] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 1,485; MHSOAC: 41,394; DHCS: 259,544]
I.	<i>Any of</i> [hook!, dopamine, rabbithol!, spiral, “social reward”, “social approval”, “screen time”, screentime, staytime, timespent, “time spent”, “engagement”, “mandatory break”, “limiting tool”, “habit loop”, “operant conditioning”, “impulse control”] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 136,455; MHSOAC: 125,130; DHCS: 711,440]
J.	<i>Any of</i> [eat! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disb!, agitat!, behav!, insufficient, depriv!)] [Hits – CalHHS: 250; MHSOAC: 19,340; DHCS: 143,066]
K.	<i>Any of</i> [sleep! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disb!, agitat!, behav!, insufficient, depriv!)] [Hits – CalHHS: 1,541; MHSOAC: 41,394; DHCS: 259,544]
L.	<i>Any of</i> [negative w/3 (appearance, experience, affect!, effect!)] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 2,202; MHSOAC: 6,736; DHCS: 48,564]
M.	<i>Any of</i> [compar! w/5 (appearance, social, other!, negative)] [Hits – CalHHS: 9; MHSOAC: 126,442; DHCS: 550,656]
N.	<i>Any of</i> [body w/3 (accept!, dissatisfaction, positiv!, image, dysmorph!)] [Hits – CalHHS: 1,692; MHSOAC: 4,794; DHCS: 342,031]
O.	<i>Any of</i> [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] <i>w/150 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 784; MHSOAC: 25,340; DHCS: 130,705]
P.	<i>Any of</i> [Covid!, coronavirus, pandemic, lockdown, “lock! down”, quarantine, “social! distanc!”] <i>w/150 of any of</i> [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]] [Hits – CalHHS: 150,919; MHSOAC: 287,511; DHCS: 335,856]

**MDL 3047 – Meta’s December 5, 2024 Search Proposal for California Health Agencies
(CalHHS, MHSOAC, DHCS)**

Q. *Any of* [heroin, crack, cocaine, fent!, opio!, opia!, meth, methamphetamine, oxy, oxycontin, painkiller!, narcotic!, (drug! w/5 abuse)] w/150 [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]] **[Hits – CalHHS: 56,584; MHSOAC: 55,916; DHCS: 1,554,440]**

R. *Any of* [“ACE!”, “adverse childhood experience”, “adverse childhood experiences”] **[Hits – CalHHS: 87,899; MHSOAC: 68,833; DHCS: 1,176,670]**

MDL 3047 – CalHHS’s and MHSOAC’s December 18, 2024 Search Proposal

- This proposal was run without modifications.
- CalHHS included 38 custodiansⁱ; MHSOAC included 13ⁱⁱ, and DHCS included 11.ⁱⁱⁱ
- The date range applied was 1/1/2012 through 10/24/2023.
- Total hit counts (CalHHS: 80,248; MHSOAC: 81,161, DHCS: 5,430,964) are not de-duplicated across strings due to search technology limitations.
- DHCS provides hit counts for context although it has not agreed to this proposal.
- Hit counts were shared with Meta on 12/18/2024 (CalHHS), 12/19/2024 (DHCS), and 12/20/2024 (MHSOAC).

A.	<i>Any of</i> [“social media”, “social network”, meta, facebook, insta!, messenger, whatsapp, youtube, tiktok, twitter, snap!, roblox, bytedance, discord, reddit, tumblr, reddit, pinterest, FB, IG, YT, twitch, “horizon worlds”] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 24,663; MHSOAC: 6,300; DHCS: 603,315]
B.	<i>Any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] <i>w/15 of</i> [[“social media”] <i>and</i> [meet!, report!, stud!, article, survey!, program!, grant!, bill!, legislat!, prevent!, deceptive, decei!, fraud!, defraud!, cheat!, lie!, misrepresent!, mislead!, schem!, exploit!, trick!, conceal!, hide, omit!, downplay!, suppress!, “cover up”, “Consumer Protection Act”, “consumer protection”]] [Hits – CalHHS: 2,524; MHSOAC: 2,095; DHCS: 38,337]
C.	“social media” <i>AND any of</i> [“algorithmic recommendation,” “algorithmic sequencing,” “image filters,” “multiple user accounts,” “infinite scroll,” “ephemeral content features,” “autoplay,” “quantification of likes,” “display of likes,” “audiovisual alerts,” “haptic alerts”] [Hits – CalHHS: 47; MHSOAC: 73; DHCS: 1,051]
D.	<i>Any of</i> [“Senate Bill 976,” SB976, “SB 976,” “Senate Bill 60,” SB60, “SB 60,” “Assembly Bill 587,” AB587, “AB 587,” “Assembly Bill 2273,” AB2273, “AB 2273,” “Assembly Bill 1934,” “AB 1934,” AB1934, “Assembly Bill 1949,” AB1949, “AB1949”] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] <i>and</i> “social media”] [Hits – CalHHS: 324; MHSOAC: 11; DHCS: 305]
E.	“youth risk behavior survey” [Hits – CalHHS: 1,342; MHSOAC: 1,823; DHCS: 5,234]
F.	<i>[Meta’s search string F, re-run with “w/15” proximity limiters, is intentionally excluded for overbreadth; CalHHS’s and MHSOAC’s hit counts were in excess of 160,000; DHCS’s were in excess of 2.5 million.]</i>
G.	<i>Any of</i> [“pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 5,581; MHSOAC: 29,369; DHCS: 411,475]

MDL 3047 – CalHHS’s and MHSOAC’s December 18, 2024 Search Proposal

H.	<i>Any of</i> [bully!, bullie!, cyberbull!, harass!, sextort!, transphob!, homophob!, racis!, sexis!, groom!, pedophil!] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 224; MHSOAC: 7,002; DHCS: 108,316]
I.	<i>Any of</i> [hook!, dopamine, rabbithol!, spiral, “social reward”, “social approval”, “screen time”, screentime, staytime, timespent, “time spent”, “mandatory break”, “limiting tool”, “habit loop”, “operant conditioning”, “impulse control”] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 1,995; MHSOAC: 17,491; DHCS: 241,795]
J.	<i>Any of</i> [eat! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disag!, agitat!, behav!, insufficient, depriv!)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 10; MHSOAC: 516; 40,915]
K.	<i>Any of</i> [sleep! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disag!, agitat!, behav!, insufficient, depriv!)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 55; MHSOAC: 143; 20,070]
L.	<i>Any of</i> [negative w/3 (appearance, experience, affect!, effect!)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 264; MHSOAC: 801; DHCS: 14,467]
M.	<i>Any of</i> [compar! w/5 (appearance, social, other!, negative)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 0; MHSOAC: 463; DHCS: 47,318]
N.	<i>Any of</i> [body w/3 (accept!, dissatisfaction, positiv!, image, dysmorph!)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 256; MHSOAC: 98; DHCS: 34,321]
O.	<i>Any of</i> [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 3,739; MHSOAC: 4,106; DHCS: 64,563]
P.	<i>Any of</i> [Covid!, coronavirus, pandemic, lockdown, “lock! down”, quarantine, “social! distanc!”] <i>w/15 of any of</i> [wellness, wellbeing, well-being, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]] <i>w/15 of any of</i> [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 1,000; MHSOAC: 1,000; DHCS: 1,000]

MDL 3047 – CalHHS’s and MHSOAC’s December 18, 2024 Search Proposal

gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 6,029; MHSOAC: 5,948; DHCS: 104,214]

Q. Any of [heroin, crack, cocaine, fent!, opio!, opia!, meth, methamphetamine, oxy, oxycontin, painkiller!, narcotic!, (drug! w/5 abuse)] w/15 of any of [wellness, wellbeing, well-being, “mental health”, “TMH”, anxi!, anti-anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi-polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsel!, treatment!, “pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)]] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 22,642; MHSOAC: 995; DHCS: 993,676]

R. Any of [“adverse childhood experience”, “adverse childhood experiences”] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] [Hits – CalHHS: 10,553; MHSOAC: 3,927; DHCS: 144,494]

ⁱ CalHHS custodians on this proposal include Kim Johnson, Secretary; Brendan McCarthy, Acting Undersecretary; Jared Goldman, General Counsel; Maggie Schuster, Attorney; Daniel Torres, Chief Equity Officer; Maureen Keffer, Assistant Equity Officer; John Ohanian, Director and Data Officer; Adam Dondro, Agency Information Officer; Samantha Lui, Deputy Secretary for Office of Legislative Affairs (OLA); Sarah Logue, Associate Secretary, OLA; Anya Shutovska, Associate Secretary, OLA; Allyson Velez, Associate Governmental Program Analyst, OLA; Kimberly Chen, Acting Deputy Secretary for Office of Program and Fiscal Affairs (OPFA); Darci Delgado, Assistant Secretary, OPFA; Julie Souliere, Assistant Secretary, OPFA; Jones, Assistant Secretary, OPFA; Debra Cooper, Assistant Secretary, OPFA; Nathaniel Mitchell, Assistant Secretary, OPFA; Sami Gallegos, Deputy Secretary for Office of External Affairs (OEA); Jim Suennen, Associate Secretary, OEA; Rodger Butler, Assistant Secretary, OEA; Corrin Buchanan, Deputy Secretary for Office of Policy and Strategic Planning (OPSP); Sohil Sud, Director of Children and Youth Behavioral Health Initiative (CYBHI); Melissa Stafford Jones, Director, CYBHI; Stephanie Welch, Deputy Secretary for Office of Behavioral Health (OBH); Anh Thu Bui, Public Health Medical Administrator, OBH; Diana Ramos, Surgeon General (OSG); Alana Bui, Staff Service Manaer, OSG; Lauren Groves, Special Advisor, OSG; Colette Cobb, Health Program Specialist, OSG; Julie Rooney, Director of Communications, OSG; Berit Mansour, Communications Support, OSG; Juan Carlos Arguello, Chief Health Policy Officer, Office of Youth and Community Restoration; Barbara Clopton, Communications Staff Services Manager, Center for Data Insights and Innovation (CDII); Jaykob Zaleski, Communications Associate Governmental Program Analyst, CDII; David Reiner, California Initiative to Advance Precision Medicine (CIAPM); Theresa Spezzano, Equity Officer, CIAPM; and Ramon Martinez, Science Communications Officer, CIAMP.

ⁱⁱ MHSOAC custodians on this proposal include Courtney Ackerman, Research Scientist; Danielle Fischer, Staff Services Manager; Jigna Shah, Staff Services Manager; Kai Lemasson, Research Scientist; Kali Patterson, Research Scientist Manager; Kallie Clark, Research Scientist; Kendra Zoller, CEA / Deputy Director of Legislation; Melissa Mollard, Research Scientist; Norma Pate, CEA / Deputy Director of Administration; Riann Kopchak, Staff Services Manager; Tom Orrock, CEA / Deputy Director of Programs; Toby Ewing, Former Executive Director; and Will Lightbourne, Interim Executive Director.

MDL 3047 – DHCS's December 9, 2024 Search Proposal

- This proposal was run without modifications.
- DHCS included 25 custodians. (See ECF 1430-2 at 15-19 for custodian names and titles.)
- The date range applied is 1/1/2012 through 10/24/2023.
- Total hit counts (107,965) are not de-duplicated across strings due to search technology limitations.
- Hit counts were shared with Meta on 12/9/2024.

<p>A. <i>Any of</i> [meta, facebook, instagram, messenger, whatsapp, youtube, tiktok, twitter, snap!, roblox, discord, reddit, tumblr, twitch, pinterest, “horizon worlds”] <i>AND any of</i> [child!, youth!, kids, teen!, adolescent!, “young user,” “young users,” “young adult,” “young adults”] <i>AND</i> [“social media” <i>w/15 of any of</i> [health, brain, addict!, harm!, depress!, anxi!, sleep, suicid!, self-harm, compulsive, “eating disorder,” “eating disorders,” “substance abuse,” “drug abuse,” COVID, pandemic, quarantine, well-being, wellbeing, benefit!, encourag!, effect!, impact!]]¹ [Hits – DHCS: 77,198]</p>
<p>B. <i>Any of</i> [child!, youth!, kids, teen!, adolescent!, “young user,” “young users,” “young adult,” “young adults”] <i>AND</i> [“social media” <i>w/10 of any of</i> [grant!, bill!, legislat!]] [Hits – DHCS: 20,915]</p>
<p>C. “social media” AND any of [“algorithmic recommendation,” “algorithmic sequencing,” “image filters,” “multiple user accounts,” “infinite scroll,” “ephemeral content features,” “autoplay,” “quantification of likes,” “display of likes,” “audiovisual alerts,” “haptic alerts”] [Hits – DHCS: 1,172]</p>
<p>D. Any of [“Senate Bill 976,” SB976, “SB 976,” “Senate Bill 60,” SB60, “SB 60,” “Assembly Bill 587,” AB587, “AB 587,” “Assembly Bill 2273,” AB2273, “AB 2273,” “Assembly Bill 1934,” “AB 1934,” AB1934, “Assembly Bill 1949,” AB1949, “AB1949”] <i>AND any of</i> [child!, kids, youth!, teen!, adolescent!, “young user,” “young users,” “young adult,” “young adults”] <i>AND</i> “social media” [Hits – DHCS: 2,700]</p>
<p>E. “youth risk behavior survey” [Hits – DHCS: 5,980]</p>

¹ Search String I.A is intended to reach records addressing what Meta refers to as alternative causes such as drug abuse and the pandemic, records concerning positive effects of social media upon young users, and efforts by state agencies to promote social media use among young users. It encompasses the subject matter of multiple different search strings proposed by Meta.

**Blackline Comparison Between Meta's Proposal of 12/5/24 and CalHHS's and DHCS's
Proposal of 12/18/25**

- A. Any of [“social media”, “social network”, meta, facebook, insta!, messenger, whatsapp, youtube, tiktok, twitter, snap!, roblox, bytedance, discord, reddit, tumblr, reddit, pinterest, FB, IG, YT, twitch, “horizon worlds”] w/~~15015~~ of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
- B. Any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] w/~~15015~~ of [[“social media”] ~~AND_and~~ [meet!, report!, stud!, article, survey!, program!, grant!, bill!, legislat!, prevent!, deceptive, decei!, fraud!, defraud!, cheat!, lie!, misrepresent!, mislead!, schem!, exploit!, trick!, conceal!, hide, omit!, downplay!, suppress!, “cover up”, “Consumer Protection Act”, “consumer protection”]]
- C. ~~“social media” AND any of [“algorithmic recommendation,” “algorithmic sequencing,” “image filters,” “multiple user accounts,” “infinite scroll,” “ephemeral content features,” “autoplay,” “quantification of likes,” “display of likes,” “audiovisual alerts,” “haptic alerts”]~~
- D. ~~Any of [“Senate Bill_976,” SB976, “SB 976,” “Senate Bill 60,” SB60, “SB 60,” “Assembly Bill 587,” AB587, “AB 587,” “Assembly Bill 2273,” AB2273, “AB 2273,” “Assembly Bill 1934,” “AB 1934,” AB1934, “Assembly Bill 1949,” AB1949, “AB1949”] ~~AND~~w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!] ~~ANDand~~ “social media”]~~
- E. “youth risk behavior survey”
- F. ~~Any of [wellness, wellbeing, well being, “mental health”, “TMH”, anxi!, anti anxi!, depress!, antidepress!, “attention deficit”, “ADHD”, posttraumatic, “bi polar”, “bi polar”, bipolar, “BPD”, insomnia, therap!, counsell!, treatment!] w/~~150~~[intentionally omitted] of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]~~
- G. ~~Any of [pro-ana”, “BMI”, obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, “self harm”, “self-harm”, selfharm, unalive, cutting!] ~~AND~~w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]~~
- H. Any of [bully!, bullie!, cyberbull!, harass!, sextort!, transphob!, homophob!, racis!, sexis!, groom!, pedophil!] w/~~15015~~ of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]
- I. Any of [hook!, dopamine, rabbithol!, spiral, “social reward”, “social approval”, “screen time”, screentime, staytime, timespent, “time spent”, “engagement”, “mandatory break”, “limiting tool”, “habit loop”, “operant conditioning”, “impulse control”] w/~~15015~~ of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young,, minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!, student!, school!]

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**Blackline Comparison Between Meta's Proposal of 12/5/24 and CalHHS's and DHCS's
Proposal of 12/18/25**

- J. *Any of [eat! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disag!, agitat!, behav!, insufficient, depriv!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- K. *Any of [sleep! w/3 (problem!, issue!, trouble!, difficult!, disorder!, disag!, agitat!, behav!, insufficient, depriv!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- L. *Any of [negative w/3 (appearance, experience, affect!, effect!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- M. *Any of [compar! w/5 (appearance, social, other!, negative)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- N. *Any of [body w/3 (accept!, dissatisfaction, positiv!, image, dysmorph!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- O. *Any of [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- P. *Any of [Covid!, coronavirus, pandemic, lockdown, "lock! down", quarantine, "social! distanc!"] w/15 of any of [wellness, wellbeing, well-being, "mental health", "TMH", anxi!, anti-anxi!, depress!, antidepres!, "attention deficit", "ADHD", posttraumatic, "bi-polar", "bi polar", bipolar, "BPD", insomnia, therap!, counsel!, treatment!, "pro-ana", "BMI", obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, "self harm", "self-harm", selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*
- Q. *Any of [heroin, crack, cocaine, fent!, opio!, opia!, meth, methamphetamine, oxy, oxycontin, painkiller!, narcotic!, (drug! w/5 abuse)] w/15 of any of [wellness, wellbeing, well-being, "mental health", "TMH", anxi!, anti-anxi!, depress!, antidepres!, "attention deficit", "ADHD", posttraumatic, "bi-polar", "bi polar", bipolar, "BPD", insomnia, therap!, counsel!, treatment!, "pro-ana", "BMI", obes!, anorexi!, bulimi!, orthorexi!, dysmorph!, binge, purge, suicid!, "self harm", "self-harm", selfharm, unalive, cutting!, [negative w/3 (appearance, experience, affect!, effect!)], [self w/3 (esteem, harm, control, injur!, mutilat!, regulat!)] w/15 of any of [child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!, pre-teen!, preteen!, U18, "under 18", U13, "under 13", gen! w/5 z, "gen-z", gen! w/5 alpha, gen-a!, student!, school!]*

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**Blackline Comparison Between Meta's Proposal of 12/5/24 and CalHHS's and DHCS's
Proposal of 12/18/25**

R. *Any of* [“**ACE!**”, “adverse childhood experience”, “adverse childhood experiences”] w/15 of any of
[child!, youth!, kid!, teen!, tween!, adolescen!, young., minor, underage!, under-age!, juvenile!,
pre-teen!, preteen!, U18, “under 18”, U13, “under 13”, gen! w/5 z, “gen-z”, gen! w/5 alpha, gen-a!,
student!, school!!]